

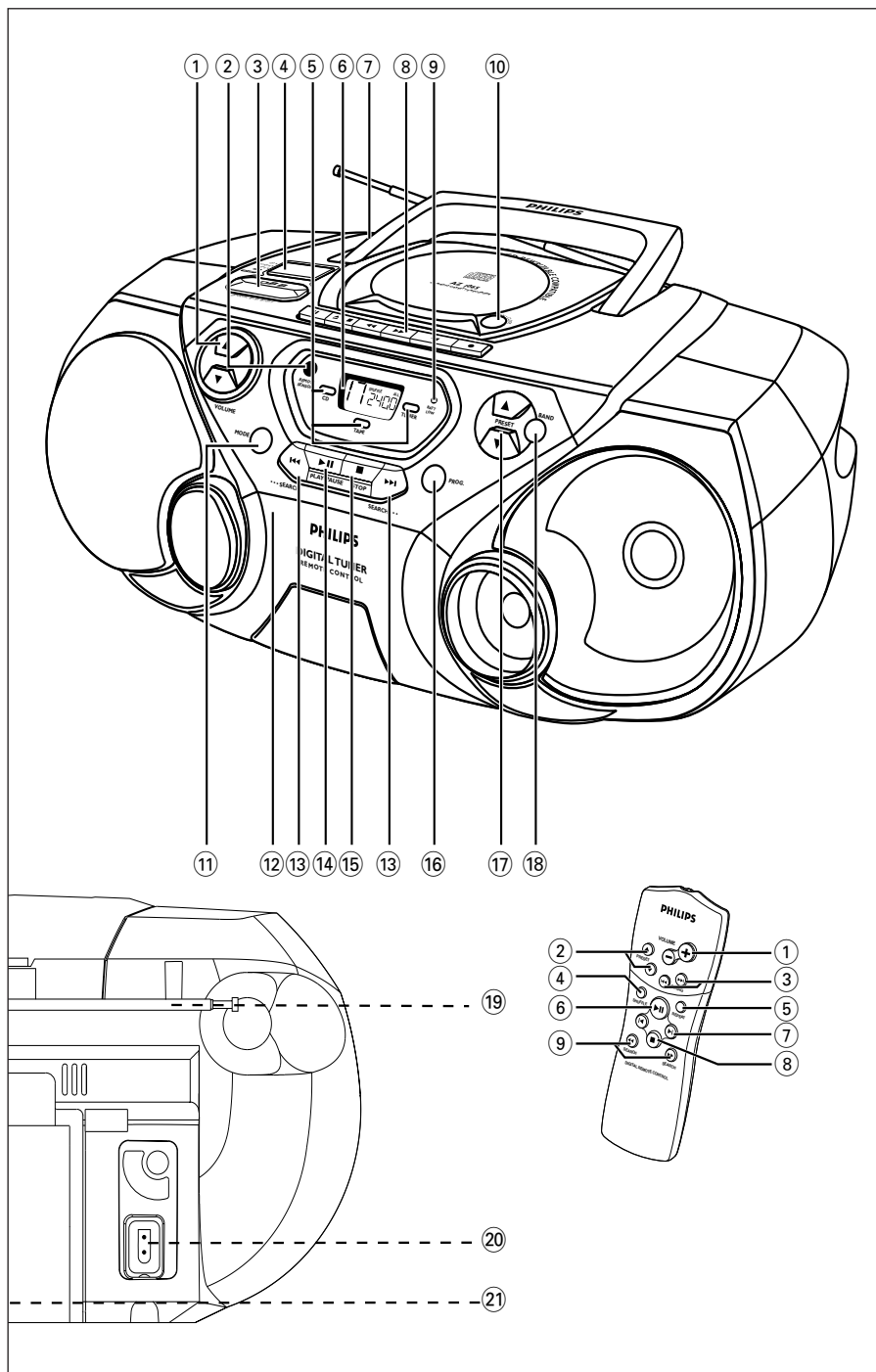


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CONTROLS

TOP AND FRONT PANELS

- ① **VOLUME** -
adjusts the volume level
- ② **REMOTE SENSOR** -
infrared sensor for remote control
- ③ **DBB** (Dynamic Bass Boost) -
enhances the bass
- ④ **POWER slider** -
selects the sound source for CD/ TUNER/
TAPE/OFF and also switches the set off
- ⑤ **Function indicators** - lights up if the
respective CD, tape or tuner function is in use
- ⑥ **Display** - shows the status of the set
- ⑦  - 3.5 mm stereo headphone jack

Note: Connecting headphones will switch off the speakers.

- ⑧ **CASSETTE RECORDER keys:**
PAUSE II - interrupts recording or playback
STOP•OPEN ■▲
 - stops the tape;
 - opens the cassette compartment
SEARCH ◀◀ / ▶▶ - fast winds/rewinds the tape
PLAY ◀ - starts playback
RECORD ● - starts recording
- ⑨ **BATT LOW** - indicates when battery power is running low
- ⑩ **OPEN•CLOSE** - opens/ closes the CD door
- ⑪ **MODE** - selects a different play mode for CD playback e.g. repeats tracks or **SHUFFLE**, plays tracks in random order
- ⑫ **Cassette door**
- ⑬ **SEARCH ◀◀ / ▶▶** -
 Radio: - (down/up) tunes to radio stations;
 CD: - searches back and forward within a track;
 - skips to the beginning of a current track/ previous/ subsequent track

- ⑭ **PLAY•PAUSE ►II** -
starts or interrupts CD playback
- ⑮ **STOP ■** - stops CD playback or erase a CD program
- ⑯ **PROG** -
Radio: programs preset radio stations;
CD: programs tracks and reviews the program
- ⑰ **PRESET ▲, ▼** (up, down) -
selects a tuner preset station
- ⑱ **BAND** - selects waveband

BACK PANEL

- ⑲ **Telescopic antenna** - improves FM reception
- ⑳ **AC MAINS** - inlet for power cord
- ㉑ **Battery compartment** -
for 6 x R-20, UM-1 or D-cells

REMOTE CONTROL

- ① **VOLUME +, -** - adjusts volume level
- ② **PRESET ▲, ▼** (up, down) - selects a preset radio station
- ③ **TUNING ◀◀, ▶▶** (down, up) - tunes to radio stations
- ④ **SHUFFLE** - to play CD tracks in random order
- ⑤ **REPEAT** - repeats a track/ CD program/ entire CD
- ⑥ **►II** - starts and pauses CD playback/ interrupts CD playback
- ⑦ **◀, ▶** - skips to the beginning of a current track/ previous/ later track
- ⑧ **STOP ■** - stops CD playback or erases a CD program
- ⑨ **SEARCH ◀◀, ▶▶** - searches backwards or forwards within a track/CD

Environmental information

All unnecessary packaging material has been omitted. We have done our utmost to make the packaging easy to separate into three mono-materials: cardboard (box), expandable polystyrene (buffer), polyethylene (bags, protective foam).

Your set consists of materials which can be recycled if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packing materials, dead batteries and old equipment.

Whenever convenient, use the power supply if you want to conserve battery life. Make sure you remove the plug from the set and wall outlet before inserting batteries.

BATTERIES (NOT INCLUDED)

1. Open the battery compartment and insert six batteries, type **R-20, UM-1** or **D-cells**, (preferably alkaline) with the correct polarity as indicated by the "+" and "-" symbols inside the compartment.

Remote control (supplied)

Open the battery compartment and insert two batteries, type **AAA, R03** or **UM4** (preferably alkaline).

2. Replace the compartment door, making sure the batteries are firmly and correctly in place. The set is now ready to operate.
 - If **BATT LOW** lights up, battery power is running low.
 - The **BATT LOW** indicator eventually goes out if the batteries are too weak.

Incorrect use of batteries can cause electrolyte leakage and will corrode the compartment or cause the batteries to burst.

Therefore:

- Do not mix battery types: e.g. alkaline with carbon zinc. Only use batteries of the same type for the set.
- When inserting new batteries, do not try to mix old batteries with the new ones.
- Remove the batteries if the set is not to be used for a long time.

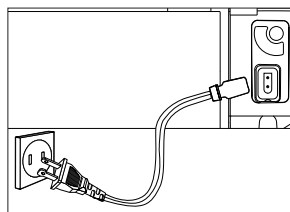
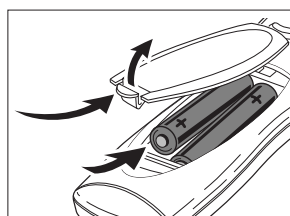
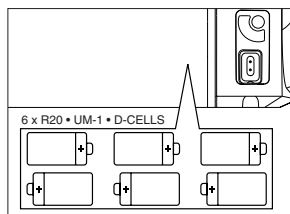
Batteries contain chemical substances, so they should be disposed of properly.

The type plate is located on the bottom of the set.

Using AC POWER

1. Check if the power voltage **as shown on the type plate on the bottom of the set**, corresponds to your local power supply. If it does not, consult your dealer or service center.
2. If your set is equipped with a voltage selector, adjust the selector so that it matches with the local power supply.
3. Connect the power cord to the wall outlet and the set is now ready for use.
4. To disconnect the set from the power supply completely, remove the plug from the wall outlet.

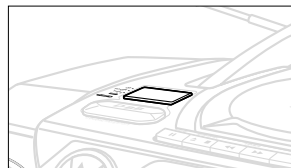
Standby power consumption 3 W



BASIC FUNCTIONS

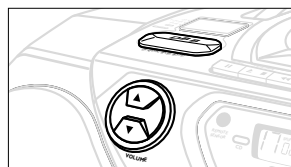
Switching on and off

1. Adjust the **POWER slider** to the desired sound source: **CD**, **TUNER** or **TAPE/off**.
 - The respective function indicator: **CD**, **TUNER** or **TAPE** lights up.
2. To switch off, adjust the **POWER slider** to **TAPE/off** position with the keys on the tape deck released.
 - The respective function indicator: **CD**, **TUNER** or **TAPE** goes out.
 - The volume and tuner presets will be retained in the set's memory.



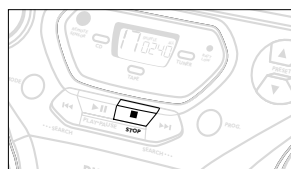
Adjusting volume and sound

1. On the set press the **VOLUME** control to increase or decrease volume (or press **+** or **-** on the remote control).
 - Display shows the volume level **VOL** and a number from 0-32.
2. Adjust the **DBB** control to select dynamic bass boost on or off.



PHILIPS demo mode

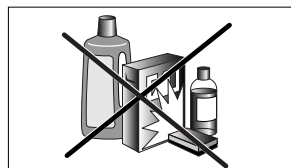
1. On the set or remote control, press the **CD STOP** ■ button for 5 seconds.
 - After about 30 seconds, **PH..IL ..IPS** scrolls across the display.
2. To return to the current display you can either:
 - press any function button on the front panel. This interrupts the demo mode for 30 seconds;
 - press the **CD STOP** ■ button for 5 seconds. **PH..IL ..IPS** scrolls once before the demo mode is cancelled.



GENERAL INFORMATION

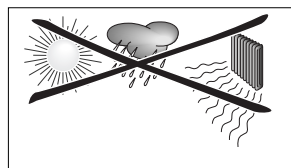
General maintenance

- Do not expose the set, batteries, CDs or cassettes to humidity, rain, sand or excessive heat caused by heating equipment or direct sunlight.
- To clean the set, use a soft, slightly dampened chamois leather. Do not use any cleaning agents containing alcohol, ammonia, benzene or abrasives as these may harm the housing.



Safety information

- Place the set on a hard and flat surface so that the system does not tilt. Make sure there is adequate ventilation to prevent the system from overheating.
- The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.



TUNING TO RADIO STATIONS

1. Select **RADIO** source.

→ The function indication lights up. **FM** is displayed briefly and then the radio station frequency is shown.

2. Press **BAND** once or more to select your waveband.

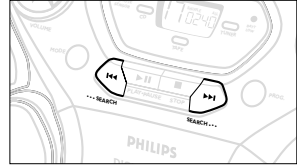
3. Press **SEARCH** ◀◀ or ▶▶ (on the remote control, **TUNING** ◀◀ or ▶▶) and release when the frequency in the display starts running.

→ The radio automatically tunes to a station of sufficient reception. Display shows **Scr** during automatic tuning.

→ If a FM station is received in stereo, **STEREO** is shown.

4. Repeat step 3 if necessary until you find the desired station.

- To tune to a weak station, press **SEARCH** ◀◀ or ▶▶ briefly and repeatedly until you have found optimal reception.



To improve radio reception

- For **FM**, pull out the telescopic antenna. Incline and turn the antenna. Reduce its length if the signal is too strong (very close to a transmitter).

- For **AM**, the set is provided with a built-in antenna so the telescopic antenna is not needed. Direct the antenna by turning the whole set.

5. To switch off, adjust the **POWER slider** to **TAPE/OFF** position with the keys on the tape deck released.

→ The function indicator goes out.

Programming radio stations

You can store up to a total of 30 radio stations in the memory.

1. Tune to your desired station (see **Tuning to radio stations**).

2. Press **PROG** to activate programming.

- Display: **PROGRAM** flashes.

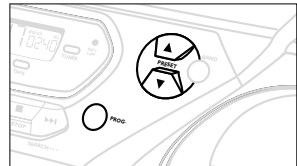
3. Press **PRESET** ▼ or ▲ once or more to allocate a number from 1 to 30 to this station.

4. Press **PROG** again to confirm the setting.

- Display: **PROGRAM** disappears, the preset number and the frequency of the preset station are shown.

5. Repeat the above four steps to store other stations.

- You can overwrite a preset station by storing another frequency in its place.



Tuning to preset stations

Press **PRESET** ▼ or ▲ until the desired preset station is displayed.



CD PLAYER

Playing a CD

1. Select **CD** source.

→ **CD** is displayed briefly.

2. Press **OPEN•CLOSE** to open the CD door.

→ Display: **CD OPEN** when you open the CD door.

3. Insert a CD or CD-R(W) with the printed side facing up and close the CD door.

→ Display: **1 15C** flashes as the CD player scans the contents of a CD. The total number of tracks and playing time are then shown.

4. Press **PLAY•PAUSE ►II** (on the remote control **►II**) to start playback.

→ Display: Current track number and elapsed playing time of the track during CD playback.

5. To interrupt playback press **PLAY•PAUSE ►II**.

Press **PLAY•PAUSE ►II** again to resume play.

→ The display freezes and the elapsed playing time flashes when playback is paused.

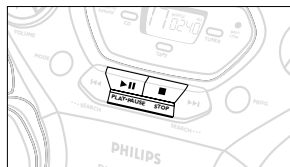
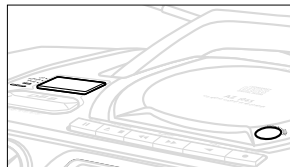
6. To stop CD playback, press **STOP ■**.

7. To switch off, adjust the **POWER slider** to **TAPE/OFF** position with the keys on the tape deck released.

→ The function indicator goes out.

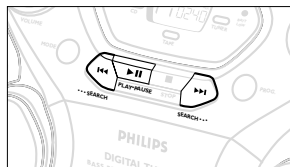
Note: CD play will also stop when:

- the CD door is opened;
- the CD has reached the end
(unless you have selected **REPEAT** or **REPEAT ALL**);
- you select another source: **TAPE / TUNER**.



Selecting a different track

- Press **SEARCH ◀◀** or **▶▶** on the set, (on the remote control **◀◀** or **▶▶**) once or repeatedly until the desired track number appears in the display.
- If you have selected a track number shortly after loading a CD or in the PAUSE position, you will need to press **PLAY•PAUSE ►II** (on the remote control **►II**) to start playback.



Finding a passage within a track

1. Press and hold down on **SEARCH ◀◀** or **▶▶** (on the remote control **◀◀** or **▶▶**).

→ The CD is played at high speed and low volume.

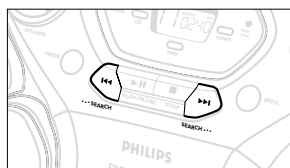
2. When you recognize the passage you want,

release **SEARCH ◀◀** or **▶▶**.

– Normal playback continues.

Note:

During a CD program or if **SHUFFLE/ REPEAT** active, searching is only possible within a track.



Different play modes: SHUFFLE and REPEAT

You can select and change the various play modes before or during playback. The play modes can also be combined with PROGRAM.

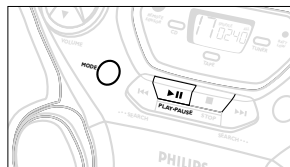
SHUFFLE - tracks of the entire CD/ program are played in random order

SHUFFLE and **REPEAT ALL** - to repeat the entire CD/ program continuously in random order

REPEAT ALL - to repeat the entire CD/ program

REPEAT - plays the current track continuously

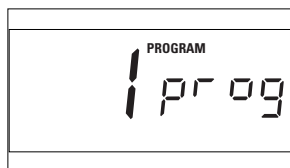
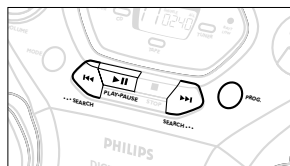
1. To select your play mode, press the **MODE** button (on the remote control SHUFFLE or REPEAT) before or during playback until the display shows the desired function.
 2. Press **PLAY•PAUSE ►||** (on the remote control ►||) to start playback if in the STOP position.
 3. To return to normal playback, press the respective **MODE** (or the respective SHUFFLE or REPEAT) button until the various SHUFFLE/ REPEAT modes are no longer displayed.
- You can also press **STOP ■** to cancel your play mode.



Programming track numbers

Program in the STOP position to select and store your CD tracks in the desired sequence. If you like, store any track more than once. Up to 20 tracks can be stored in the memory.

1. Use the **SEARCH ◀◀ or ▶▶** on the set, (on the remote control ◀◀ or ▶▶) to select your desired track number.
2. Press **PROG**.
 - Display: **PROGRAM** and the selected track number *pr og* appears briefly.
 - If you attempt to program without first selecting a track number, *NO SEL* is shown.
3. Repeat steps 1-2 to select and store all desired tracks.
 - *FULL* is displayed if you attempt to program more than 20 tracks.
4. To start playback of your CD program, press **PLAY•PAUSE ►||** (on the remote control ►||).



Reviewing the program

In the stop position, press and hold down **PROG** for a while until the display shows all your stored track numbers in sequence.

CD PLAYER

CASSETTE RECORDER

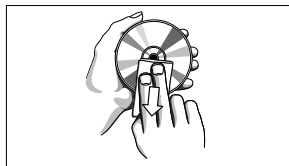
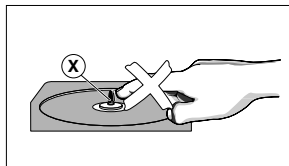
Erasing a program

You can erase the program by:

- pressing **STOP** ■ once in the STOP position;
- pressing **STOP** ■ twice during playback;
- pressing the CD door open;
- switching to another source: TAPE/TUNER.
- The display shows 'P R O G' briefly.

CD player and CD handling

- The lens of the CD player should *never be touched!*
- If the CD player cannot read CDs correctly, use a commonly available cleaning CD to clean the lens before taking the set to repair. Other cleaning methods may destroy the lens.
- Sudden changes in the surrounding temperature can cause condensation to cloud over on the lens of your CD player. Playing a CD is then not possible. Do not attempt to clean the lens but leave the set in a warm environment until the moisture evaporates.
- Always keep the CD compartment closed to avoid dust on the lens.
- To take a CD out of its box, press the center spindle while lifting the CD. Always pick up the CD by the edge and return the CD to its box after use to avoid scratching and dust.
- To clean the CD, wipe in a straight line from the center towards the edge using a soft, lint-free cloth. Do not use cleaning agents as they may damage the disc.
- *Never* write on a CD or attach any stickers to it.



PLAYING A CASSETTE

1. Select **TAPE** source.

→ The display shows **TAPE** throughout tape operation, and the function indication lights up.

2. Press **STOP•OPEN** ■▲ to open the cassette door.

3. Insert a recorded cassette and close the cassette door.

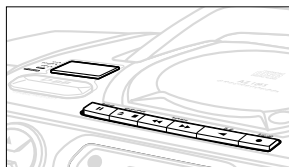
4. Press **PLAY** ◀ to start playback.

5. To pause playback, press **PAUSE II**. To resume, press the key again.

6. By pressing **SEARCH** ◀◀ or ▶▶ fast winding of the tape is possible in both directions.

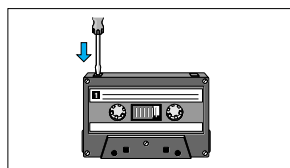
7. To stop the tape, press **STOP•OPEN** ■▲.

- The keys are automatically released at the end of the tape and the **TAPE** indication and function light go out, except if **PAUSE II** has been activated.



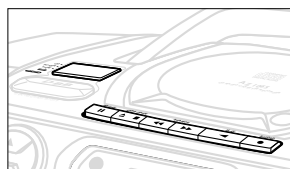
GENERAL INFORMATION ON RECORDING

- Recording is permissible insofar as copyright or other rights of third parties are not infringed.
- This deck is not suitable for recording on CHROME (IEC II) or METAL (IEC IV) type cassettes. For recording, use NORMAL type cassettes (IEC I) on which the tabs have not been broken.
- The best recording level is set automatically. Altering the **VOLUME** and **DBB** controls will not affect the recording in progress.
- At the very beginning and end of the tape, no recording will take place during the 7 seconds, when the leader tape passes the recorder heads.
- To protect a tape from accidental erasure, have the tape in front of you and break out the left tab.
Recording on this side is no longer possible. To record over this side again, cover the tabs with a piece of adhesive tape.



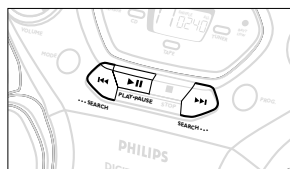
SYNCHRO START CD RECORDING

1. Select **CD** source.
2. Insert a CD and if desired, program track numbers.
3. Press **STOP•OPEN** ■▲ to open the cassette door.
4. Insert a suitable cassette into the cassette deck and close the cassette door.
5. Press **RECORD** ● to start recording.
 - Playing of the CD program starts automatically from the beginning of the program. *It is not necessary to start the CD player separately.*



To select and record a particular passage

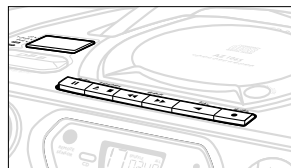
- Press **SEARCH** ◀◀ or ▶▶. When you recognize the passage you want, release **SEARCH** controls.
 - To interrupt CD playback press **PLAY/PAUSE** ▶II (on the remote control ▶II).
 - Recording will begin from this exact point in the track when you press **RECORD** ●.
6. For brief interruptions press **PAUSE** II. To resume recording, press **PAUSE** II again.
 7. To stop recording, press **STOP•OPEN** ■▲.



RECORDING

Recording from the radio

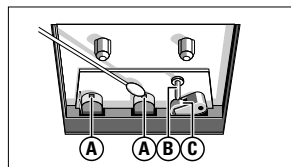
1. Tune to the desired radio station (See **TUNING TO RADIO STATIONS**).
2. Press **STOP•OPEN** ■▲ to open the cassette door.
3. Insert a suitable cassette into the cassette deck and close the cassette door.
4. Press **RECORD** ● to start recording.
5. For brief interruptions, press **PAUSE II**. To resume recording, press **PAUSE II** again.
6. To stop recording, press **STOP•OPEN** ■▲.



Tape deck maintenance

To ensure quality recording and playback of the tape deck, clean parts (A), (B) and (C) shown in the diagram below, after approx. 50 hours of operation, or on average once a month. Use a cotton bud slightly moistened with alcohol or a special head cleaning fluid to clean the deck.

1. Open the cassette holder by pressing **STOP•OPEN** ■▲.
2. Press **PLAY** ◀ and clean the rubber pressure rollers (C).
3. Press **PAUSE II** and clean the magnetic heads (A) and also the capstan (B).
4. After cleaning, press **STOP•OPEN** ■▲.



Note: Cleaning of the heads can also be done by playing a cleaning cassette through once.

If a fault occurs, first check the points listed below before taking the set for repair.
If you are unable to remedy a problem by following these hints, consult your dealer or service center.

WARNING: *Do not open the set as there is a risk of electric shock. Under no circumstances should you try to repair the set yourself, as this will invalidate the warranty.*

PROBLEM

– POSSIBLE CAUSE

- REMEDY

No sound/power

– VOLUME not adjusted

- Adjust the VOLUME

– Headphones connected

- Disconnect headphones

– Power cord not securely connected

- Connect the power cord properly

– Batteries dead/ incorrectly inserted

- Insert (fresh) batteries correctly

Severe radio hum or noise

– Electrical interference: set too close to TV, VCR or computer

- Increase the distance

Poor radio reception

– Weak radio signal

- FM: Direct the FM telescopic antenna for optimum reception
- AM: Turn the set for optimum reception

No disc or disc error indication

– No CD inserted

- Insert a CD

– CD badly scratched or dirty

- Replace/ clean CD, see Maintenance

– Laser lens steamed up,

- Wait until lens has cleared

RF disc indication

– CD-R(W) is blank or the disc is not finalized

- Use a finalized CD-R(W)

– CD badly scratched or dirty

- Replace/ clean CD, see Maintenance

The CD skips tracks

– CD is damaged or dirty

- Replace or clean the CD

– SHUFFLE or PROGRAM is active

- Quit SHUFFLE/PROGRAM mode(s)

Poor cassette sound quality

– Dust and dirt on the heads, etc.

- Clean deck parts etc., see maintenance

– Use of incompatible cassette types (METAL or CHROME).

- Only use NORMAL (IEC I) for recording.

Recording does not work

– Cassette tab(s) may be broken

- Apply a piece of adhesive tape over the missing tab space.

Remote control does not function properly

– Batteries dead/ incorrectly inserted

- Insert (fresh) batteries correctly

– Distance/ angle between the set too large

- Reduce the distance/ angle

The type plate is located on the bottom of the set.